



# Mouse anti-Human LMX1B monoclonal antibody, clone 2E23 (CABT-B10581)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	LMX1B (NP_002307, 2a.a. ~ 110 a.a.) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2E23
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, sELISA, ELISA
<b>Sequence Similarities</b>	MLDGIKMEEHALRPGPATLGVLLGSDCPHPAVCEGCQRPISDRFLMRVNESSWHEECLQC AACQQALTTSCYFRDRKLYCKQDYQQLFAAKCSGCMEKIAPITEFVMRALE
<b>Format</b>	Liquid
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of LIM-homeodomain family of proteins containing two N-terminal zinc-binding LIM domains, 1 homeodomain, and a C-terminal glutamine-rich domain. It functions as a transcription factor, and is essential for the normal development of dorsal limb
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structures, the glomerular basement membrane, the anterior segment of the eye, and dopaminergic and serotonergic neurons. Mutations in this gene are associated with nail-patella syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]

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<b>Keywords</b>	LMX1B; LIM homeobox transcription factor 1, beta; NPS1; LMX1.2; LIM homeobox transcription factor 1-beta; LMX-1.2; LIM/homeobox protein 1.2; LIM/homeobox protein LMX1B;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">4010</a>
<b>UniProt ID</b>	<a href="#">Q60663</a>
<b>Pathway</b>	SIDS Susceptibility Pathways, organism-specific biosystem;
<b>Function</b>	metal ion binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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